HSM1401

Manageable 14-port HomePNA Switch

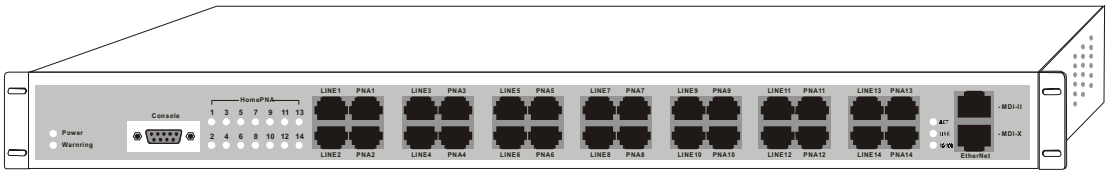
GENERAL

The **Manageable 14-port HomePNA Switch** is an intelligent, managed switch, designed for use on medium sized networks as part of the backbone or for use with other switches and hubs on a larger network.

It provides a new technology that builds the network connections through the most widespread telephone wires with no impact on current voice communication. There is no need for setting up new network cables for multiple PCs to share the network resources.

The **Manageable 14-port HomePNA Switch** uses auto-negotiation to select the optimal transmission speed and communication mode for uplink connection. The rich diagnostic LEDs on the front-panel provides the operating status of individual port and whole system.

Moreover, this switch uses store-and-forward switching to maintain maximum data integrity. Store-and-forward switching mode promises the low latency and eliminates all the network errors, including runt and CRC error packets. The supported VLAN Group can further ease congestion and enhance the network performance by segregating broadcast domains into several VLAN groups.



FEATURES

- IEEE802.3 compliant for 10BASE-T, IEEE802.3u for 100BASE-TX
- HomePNA specification 1.1 compliant
- 14*1Mbps home networking ports supported
- 1*10/100M Fast Ethernet port supported
- 2*RJ-11 bypass connectors for each 1Mbps home networking port
- Store-and-forward architecture filters
- VLAN group supported
- Rich diagnostic LED indicators
- Rack-mount-sized design
- Ethernet port for uplink connection
- 512KB system buffer memory supported
- 8K MAC address table supported
- Internal universal switching power Supply (90~240V)
- SNMP management agent supported
- Windows GUI configuration/management program supported
- Local console management and Telnet management supported

SPECIFICATION

Standards

- IEEE802.3, 10BASE-T standard
- IEEE802.3u, 100BASE-TX standard
- HomePNA 1.1specifications compliant
- Standard based SNMP, MIBI, MIB-II, and proprietary MIB

Interface

- 1*10/100M Fast Ethernet port
- 14*1Mbps Manageable 14-port HomePNA Switching ports
- 2*RJ-11 bypass connectors for each HomePNA port

Buffer Memory/MAC Address Table

- 512KB memory/8K MAC table in system

Certifications

- FCC Class A, FCC Part 15, Part 68
- VCCI

Rich LED indicators

- **System:** Power, Warning
- **Ports:** **HomePNA ports:** LINK/ACT
  Ethernet: ACT, LINK, Speed (10/100)

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